

**ASSIGNED**

No. **57312**

AMENDED

**APPLICATION FOR PERMIT  
TO APPROPRIATE THE PUBLIC WATERS OF THE STATE OF NEVADA**

Date of filing in State Engineer's Office MAR 17 1992

Returned to applicant for correction \_\_\_\_\_

Corrected application filed MAR 19 1992

Map filed MAR 19 1992

The applicant Caithness Resources, Inc.  
Attn: Barbara Bishop Goltan  
6111 Kelso Valley Road, of Weldon

Street and No. or P.O. Box No.

City or Town

California 93282

State and Zip Code No.

herby make<sup>s</sup> application for permission to appropriate the public waters of the State of Nevada, as hereinafter stated. (If applicant is a corporation, give date and place of incorporation; if a copartnership or association, give names of members.) 1987 - New Jersey

1. The source of the proposed appropriation is Underground  
Name of stream, lake, spring, underground or other source

2. The amount of water applied for is 5.0 CFS second-feet  
One second-foot equals 448.83 gals. per min.

(a) If stored in reservoir give number of acre-feet \_\_\_\_\_

3. The water to be used for Industrial and Domestic Purposes (Geothermal Power)  
Irrigation, power, mining, manufacturing, domestic, or other use. Must limit to one use.

4. If use is for:

(a) Irrigation, state number of acres to be irrigated \_\_\_\_\_

(b) Stockwater, state number and kinds of animals to be watered \_\_\_\_\_

(c) Other use (describe fully under No. 12, "Remarks") \_\_\_\_\_

(d) Power:

(1) Horsepower developed \_\_\_\_\_

(2) Point of return of water to stream \_\_\_\_\_

5. The water is to be diverted from its source at the following point within the NW $\frac{1}{4}$  SW $\frac{1}{4}$  of Section 14,  
Describe as being within a 40-acre subdivision of public  
T.24N., R.36E., M.D.M. or at a point from which the southwest corner of said Section  
survey, and by course and distance to a section corner. If on unsurveyed land, it should be so stated.  
14 bears S. 43° 14' 55" W. 1923.18 Feet. (Well 26-14)

6. Place of use Sections 14 and 15, T.24N., R.36E., M.D.M.  
Describe by legal subdivision. If on unsurveyed land, it should be so stated.

7. Use will begin about January 1 and end about December 31, of each year.  
Month and Day Month and Day

8. Description of proposed works. (Under the provisions of NRS 535.010 you may be required to submit plans and specifications of your diversion or storage works.) Drilled well, pump, storage tank and  
State manner in which water is to be diverted, i.e. diversion structure, ditches and  
pipng to proposed power plant.  
flumes, drilled well with pump and motor, etc.

9. Estimated cost of works \$1,000,00010. Estimated time required to construct works 3 years

If well completed, describe works.

11. Estimated time required to complete the application of water to beneficial use 5 years

12. Remarks: For use other than irrigation or stock watering, state number and type of units to be served or annual consumptive use:

Geothermal fluids from this application will be commingled with fluids from  
other applications for use in a proposed geothermal power plant. Fluids will  
be re-injected. Estimated consumptive use is 25%.

By s/Thomas A. Foote  
5190 Neil Road, #300  
Reno, NV 89502

Compared bc/bc ab/sa

Protected

APPROVAL OF STATE ENGINEER

This is to certify that I have examined the foregoing application, and do hereby grant the same, subject to the following limitations and conditions:

This permit is issued subject to existing rights. It is understood that the amount of geothermal fluid herein granted is only a temporary allowance and that the final right obtained under this permit will be dependent upon the amount actually placed to beneficial use. It is also understood that this right must allow for a reasonable decrease of fluid pressure and heat. The well shall be equipped and maintained to prevent any waste of the geothermal fluid. Accurate measurements must be kept of discharge of the production well and the amount of fluid injected into the injection well to determine the total amount of fluid diverted and consumed for a beneficial use.

The production and injection wells are to be cemented from the producing levels to the surface to protect fresh water zones. This permit is issued subject to the condition that only geothermal fluids are to be diverted and used beneficially for heating purposes and fresh, cold water aquifers are not to be diverted. The used geothermal fluids are to be returned to the source via the injection well. The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies. A detailed log on the

(CONTINUED ON PAGE 2)

The amount of water to be appropriated shall be limited to the amount which can be applied to beneficial use, and not to

exceed 5.0 cubic feet per second, but not to exceed 724

acre-feet annually.

Work must be prosecuted with reasonable diligence and be completed on or before July 7, 1995

Proof of completion of work shall be filed before August 7, 1995

Application of water to beneficial use shall be filed on or before July 7, 1998

Proof of the application of water to beneficial use shall be filed on or before August 7, 1998

Map in support of proof of beneficial use shall be filed on or before N/A

Completion of work filed

Proof of beneficial use filed

Cultural map filed

Certificate No. Issued

IN TESTIMONY WHEREOF, I, R. MICHAEL TURNIPSEED, P.E.  
 State Engineer of Nevada, have hereunto set my hand and the seal of my

office, this 7th day of July

A.D. 1993

*[Signature]*  
 State Engineer

## (PERMIT TERMS CONTINUED)

injection well and/or other analyses of the system used for returning the used geothermal fluids to the source must be submitted together with the Proof of Completion.

The total withdrawal of the geothermal fluid shall be limited to 3620 acre-feet per year but the total consumptive use of the geothermal fluid is limited to only incidental fluid losses in the system and in no case shall it amount to more than 20% of the volume withdrawn annually. The State Engineer does not waive the right to make a determination of incidental fluid losses at any time and impose additional conditions thereto. This permit is further issued subject to the provisions of NRS 533.372(1) and with the understanding that the power or energy generated by the beneficial use of this water or steam is subject to recapture and use within the boundaries of the State of Nevada when the need arises.

The total combined withdrawal of fluid under Permits 57312, 57313, 57314, 57315, 57316, 58073, 58074 and 58075 shall not exceed 10,000 acre-feet annually.

The total combined consumption of fluid under Permits 57312, 57313, 57314, 57315, 57316, 58073, 58074 and 58075 shall not exceed 2,000 acre-feet annually.

Monthly reports shall be kept of the amount of geothermal fluid diverted and the amount of geothermal fluid consumptively used under this permit. The records shall be submitted to the State Engineer on a quarterly basis within 15 days after the end of each calendar quarter.

This permit does not extend the permittee the right of ingress and egress on public, private or corporate lands.

The issuance of this permit does not waive the requirements that the permit holder obtain other permits from State, Federal and local agencies.

